# SIEMENS PLC SIMATIC S7-1500 DQ 32X24VDC/0.5A ST 6ES7522-1BL01-0AB0 MODULE SUPPORTS THE SAFETY-ORIENTED

Our Product Introduction

## Basic Information

- Place of Origin:            Germany
- Brand Name:               SIEMENS
- Certification:                CE
- Model Number:            6ES7522-1BL01-0AB0
- Minimum Order Quantity:  1
- Price:                         USD
- Packaging Details:         15,10 x 15,40 x 4,60
- Delivery Time:              10-12Days
- Payment Terms:            L/C, T/T
- Supply Ability:              100

## Product Specification

- Protection Rating:          IP20
- Weight:                      1.2 Kg
- Operating Temperature:   -25℃ To 60℃
- Power Supply:              24 V DC
- Cpu Type:                   S7-1500
- Dimensions:                 130 X 125 X 125 Mm
- Memory:                     4 MB To 12 MB
- Number Of Analog Inputs:  Up To 64
- Number Of Digital Inputs:   Up To 512
- Number Of Analog Outputs: Up To 64
- Number Of Digital Outputs:  Up To 512
- Certifications:               CE, UL, CSA

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## Product Description

SIEMENS PLC SIMATIC S7-1500 DQ 32X24VDC/0.5A ST 6ES7522-1BL01-0AB0 MODULE SUPPORTS THE SAFETY-ORIENTED

Product Introduction:
The SIEMENS PLC SIMATIC S7-1500 DQ 32X24VDC/0.5A ST 6ES7522-1BL01-0AB0 is a digital output module designed for the SIEMENS SIMATIC S7-1500 series. It features 32 digital output channels operating at 24VDC with a maximum current rating of 0.5A per channel. This module supports safety-oriented applications, providing enhanced safety features and functionality.

Product Information and Specifications:
- Model: DQ 32X24VDC/0.5A ST 6ES7522-1BL01-0AB0
- Digital Outputs: 32 channels
- Output Voltage: 24VDC
- Maximum Current per Channel: 0.5A
- Safety Support: Safety-oriented applications

The DQ 32X24VDC/0.5A ST module provides 32 digital output channels designed to operate at 24VDC. Each channel can handle a maximum current of 0.5A. This module is specifically designed to support safety-oriented applications, ensuring enhanced safety features and functionality in the control system.

Product Attributes:
- Model: DQ 32X24VDC/0.5A ST 6ES7522-1BL01-0AB0
- Digital Outputs: 32 channels
- Output Voltage: 24VDC
- Maximum Current per Channel: 0.5A
- Safety Support: Safety-oriented applications

Product Usage:
The SIEMENS PLC SIMATIC S7-1500 DQ 32X24VDC/0.5A ST 6ES7522-1BL01-0AB0 module is commonly used in industrial automation applications, particularly in safety-oriented systems. With its 32 channels operating at 24VDC, it can control a wide range of devices or actuators requiring a 24VDC signal. The module supports safety-oriented applications, providing additional safety features and functions to ensure the integrity and reliability of the control system.

In safety-oriented applications, the module can be used to control safety-related functions, such as emergency stop circuits or safety interlocks. It adheres to specific safety standards and regulations, ensuring that safety requirements are met to protect personnel and equipment.

In summary, the SIEMENS PLC SIMATIC S7-1500 DQ 32X24VDC/0.5A ST 6ES7522-1BL01-0AB0 is a digital output module with 32 channels designed to operate at 24VDC. Each channel can handle a maximum current of 0.5A. This module is suitable for safety-oriented applications, providing enhanced safety features and functionality to ensure the safety and reliability of the control system in industrial automation environments.

| Product | |
|---|---|
| Article Number (Market Facing Number) | 6ES7522-1BL01-0AB0 |
| Product Description | SIMATIC S7-1500, digital output module DQ 32x24V DC/0.5A HF; 32 channels in groups of 8; 4 A per group; single-channel diagnostics; substitute value, switching cycle counter for connected actuators. the module supports the safety-oriented shutdown of load groups up to SIL2 according to EN IEC 62061:2021 and Category 3 / PL d according to EN ISO 13849-1:2015. front connector (screw terminals or push-in) to be ordered separately |
| Product family | SM 522 digital output modules |
| Product Lifecycle (PLM) | PM300:Active Product |
| Price data | |
| Region Specific PriceGroup / Headquarter Price Group | 219 / 219 |
| List Price | Show prices |
| Customer Price | Show prices |
| Surcharge for Raw Materials | None |
| Metal Factor | None |
| Delivery information | |
| Export Control Regulations | AL : N / ECCN : 9N9999 |

| | |
|---|---|
| Estimated dispatch time (Working Days) | 1 Day/Days |
| Net Weight (kg) | 0,321 Kg |
| Packaging Dimension | 15,10 x 15,40 x 4,70 |
| Package size unit of measure | CM |
| Quantity Unit | 1 Piece |
| Packaging Quantity | 1 |
| Additional Product Information | |
| EAN | 4047623405924 |
| UPC | 804766234446 |
| Commodity Code | 85389091 |
| LKZ_FDB/ CatalogID | ST73 |
| Product Group | 4501 |
| Group Code | R151 |
| Country of origin | Germany |
| Compliance with the substance restrictions according to RoHS directive | Since: 13.11.2015 |
| Product class | A: Standard product which is a stock item could be returned within the returns guidelines/period. |
| WEEE (2012/19/EU) Take-Back Obligation | Yes |
| REACH Art. 33 Duty to inform according to the current list of candidates | Lead CAS-No. 7439-92-1 > 0, 1 % (w / w) |
| | Silicic acid, lead s... CAS-No. 11120-22-2 > 0, 1 % (w / w) |
| | 4,4'-isopropylidened... CAS-No. 80-05-7 > 0, 1 % (w / w) |
| | Lead monoxide (lead ... CAS-No. 1317-36-8 > 0, 1 % (w / w) |
| SCIP number | cdfd47a6-ce55-49c0-95cb-ca56dd2d1ad6 |

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